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Assistant Commissioner for Patents  
Washington, D.C. 20231

  
Attorney for Applicants

Date: 21 April 2003

PATENT  
Attorney Docket No.: DB000575-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Keeth, et al.	)	
		)	Examiner: Anh Quan Tra
Serial No.:	09/885,217	)	
		)	Art Unit: 2816
Filed:	22 August 2001	)	
Entitled:	256 MEG DYNAMIC RANDOM ACCESS MEMORY		

TRANSMITTAL LETTER

To: Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Enclosed for filing in the above-captioned application, please find the following:

- Response Under Rule 116; and
- Fee Transmittal Form (PTO/SB/17).

Also enclosed is a return postcard. Please date stamp and mail the postcard in order to acknowledge receipt of the above-reference correspondence.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,



Edward L. Pencoske  
Reg. No. 29,688  
Thorp Reed & Armstrong LLP  
One Oxford Centre, 14<sup>th</sup> Floor  
Pittsburgh, PA 15219-1425  
(412) 394-7789

Dated: 21 April 2003

Attorney for Applicants

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 90

**Complete If Known**

Application Number	09/885,217
Filing Date	22 August 2001
First Named Inventor	Keeth, et al.
Examiner Name	Anh Quan Tra
Art Unit	2816
Attorney Docket No.	DB000575-012

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

20-0888

Thorp Reed &amp; Armstrong

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) .00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims  \*25\*\* =  5 X  18 =  90

Independent Claims  - 3\*\* =  X  =

Multiple Dependent  X  =

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) .00

**SUBMITTED BY**

Name (Print/Type)

Edward L. Pencoske

Registration No.  
(Attorney/Agent)

29,688

(Complete if applicable)

Telephone 412-394-7789

Signature

E. Pencoske

Date 21 April 2003

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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07/21/2003 10:29 FAX

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THORP REED  
ARMSTRONG

Facsimile

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ATTORNEYS AT LAW SINCE 1895

To: Anh Quan Tra, Examiner Fax Number: 703 746 7234  
Company: USPTO Phone Number:  
From: Edward L. Pencoske Pages: 16  
Date: July 21, 2003 Client/Matter No.: 013721-074803  
I.D. No.: 8715  
Messages:

FAX RECEIVED

JUL 21 2003

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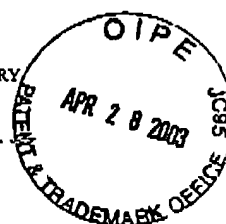
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The dating stamp of the USPTO on this card will be taken as an indication that the accompanying paper(s) was filed.

MAY 05 2003

Attorney: Edward L. Pencoske, Esq.  
Applicant: Keeth, et al.  
Filing Date: 20 June 2001  
Title: 256 MEG DYNAMIC RANDOM ACCESS MEMORY  
Serial No.: 09/385,217  
Atty Docket No.: DB000575-012

Transmittal Letter x2;  
Response Under Rule 116; and  
Fee Transmittal (PTO/SB/17).



ELP/nwf

Dated: 21 April 2003